**Lindsey K. Albertson**
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Associate Professor
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## EDUCATION

2013 Ph.D. in Ecology, Evolution, & Marine Biology, University of California-Santa Barbara
2006 B.Sc. in Geology-Biology with Honors, Brown University

## RESEARCH & TEACHING APPOINTMENTS

7/21-present *Associate Professor*, Ecology Department, Montana State University, Bozeman MT

2/23-5/23 *Fulbright Scholar*, Loughborough University, United Kingdom

8/15-6/21 *Assistant Professor*, Ecology Department, Montana State University, Bozeman MT

4/14-7/15 *Postdoctoral Researcher*, Geomorphology, Stroud Water Research Center, Avondale PA

12/14-5/15 *Lecturer* for Introduction to Freshwater Ecology, University of Pennsylvania, Philadelphia PA (30 undergraduates)

1/14-4/14 *Science Faculty*, 10th Grade Biology, Jackson Hole Community School, Jackson WY (30 high school sophomores)

5/13-12/13 *Wildlife Biologist and Educator*, Teton Science Schools, Jackson WY

9/07-12/13 *Graduate Research Assistant*, Salmon restoration and biophysical interactions, Department of Ecology, Evolution, and Marine Biology, UC-Santa Barbara, Santa Barbara CA

9/07-4/13 *Graduate Teaching Assistant* for Lakes and Wetlands, Introductory Biology, Applied Freshwater Biology, Introductory Ecology, and River Ecology, UC-Santa Barbara, Santa Barbara CA

8/06-6/07 *Research Technician*, Salt marsh community ecology, Zoology Department, University of Florida, Gainesville FL

6/06-8/06 *Frontiers In Biological Research (FIBR) Technician*, Local adaptation of *Arabidopsis* along a climate gradient, The Max Planck Institute, Cologne Germany

9/05-12/05 *Teaching Assistant* for Sedimentation and Stratigraphy, Geology Department, Brown University, Providence RI

6/05-8/05 *Research Experience for Undergraduates (REU) Intern*, Microbial population ecology in cave ecosystems, Geosciences Department, Pennsylvania State University, State College PA

6/04-8/04 *Undergraduate Teaching and Research Assistant (UTRA)*, Salt marsh community ecology and seed bank dynamics along a salinity gradient, Ecology Department, Brown University, Providence RI

## FUNDING AWARDED

(Albertson sole PI unless otherwise noted)

2022 *Open Access Author Fund Grant*, PI **Albertson**, Co-PI Briggs. Montana State University; Aquaculture, Fish and Fisheries journal. Award: $2,000.

2022 *SITKA Ecosystem Research Grant*; PI **Albertson**, Co-PI Roche. "Cross-Boundary Temperature Regimes and Their Influence on Aquatic Insect Emergence, Fitness, and Survival;" Award: $2,000.

2022 *Fulbright Visiting Scholars Program Grant*; Loughborough University, United Kingdom. “Ecosystem Engineering Animals Regulate Biodiversity and Function Across Disturbance Gradients.” Award: $11,028

2022 *Research Grant,* National Science Foundation Division of Environmental Biology Ecosystems; “RAPID: Effects of drying disturbance on energy flux across the aquatic-terrestrial boundary: Dam malfunction influences aquatic insect emergence quantity and phenology.” Award: $189,528

2021 *Research Grant*, College of Letters & Science, Montana State University; PI **Albertson**, Co-PIs Bertagnolli, Poole, and Stewart. “Ecosystem engineers in a riverbed alter microbial functional diversity.” Award: $13,780

2021 *MadTAC Northwestern Energy Grant*; “Impacts of flushing flows on macroinvertebrate populations.” Award: $5,000

2021 *Open Access Author Fund Grant*, PI **Albertson**, Co-PIs Reinert and Junker. Montana State University; Ecosphere journal. Award: $1,925

2021 *Open Access Author Fund Grant*, PI Verhille, Co-PI **Albertson**. Montana State University; Conservation Physiology journal. Award: $1,900

2021 *Madison River Foundation Grant*; “Evaluating the influence of tributary confluences and efficacy of long-term monitoring datasets for understanding drivers of macroinvertebrates and trout in the Madison River, Montana” Award: $3,000.

2021 *Sitka Ecosystem Research Grant*; PI **Albertson**, Co-PI Fritz. “How do ecosystem engineers in a river alter microbial diversity and nutrient cycling?” Award: $5,000.

2021 *Society for Freshwater Science Strategic Funds Grant*. “SFS Annual Meeting Watch Gathering at Flathead Lake Biological Station.” Award: $1,500.

2021 *MSU Strategic Investment Plan Grant*, PI Verhille, Co-PI **Albertson**. “Expanding knowledge of culturally and economically important freshwater resources in southwestern Montana: Conservation physiology of the giant salmonfly in the Madison River;” Award: $10,490.

2020 *Open Access Author Fund Grant*, PI **Albertson**, Co-PI Tumolo, Montana State University; Ecology and Evolution journal. Award: $1,760

2020 *SITKA Ecosystem Research Grant*; PI **Albertson**, Co-PIs Maguire and Verhille. "Comparing the physiological responses of giant salmonflies (Plecoptera: *Pteronarcys californica*) from different populations to warming water temperature;" Award: $3,000.

2020 *Research Experience for Teachers (RET) Grant*, Western Transportation Institute, PI Plymesser, Co-PI **Albertson**; "Impact of Culverts on Freshwater Macroinvertebrate Drift." Award: $4,000

2020 *Research Grant*, National Science Foundation Division of Environmental Biology Ecosystems, PI **Albertson**, Co-PI Poole; "Macroinvertebrate Ecosystem Engineers Mediate Whole-Stream Metabolism and Nutrient Uptake." Award: $1,166,841

2019 *MadTAC Northwestern Energy Grant*; "Impacts of changing macroinvertebrate populations on Madison River salmonids." Award: $40,000

2019 *Open Access Author Fund Grant*, PI **Albertson**, Co-PI Anderson, Montana State University; Ecosphere journal. Award: $1,750

2019 *Postdoctoral Research Fellowship in Biology Grant*, National Science Foundation, PI Larson, Co-PI **Albertson**; "Community assembly in space and time: What are the roles of co-occurring ecosystem engineers and engineering traits?" Award: $138,000; Declined

2019 *Research Experience for Teachers (RET) Grant,* Western Transportation Institute, PI Plymesser, Co-PI **Albertson**; "Ecosystem Engineers: Quantifying the Habitat Preferences of Net-Spinning Caddisflies;" Award: $7,500

2019 *Research Grant*, USGS Montana Water Center, PI Tumolo, Co-PI **Albertson**; "Aquatic Insect Ecosystem Engineering Creates Resource Hot Spots in Montana Streams;" Award: $2,000

2018 *Open Access Author Fund Grant*, PI **Albertson**, Co-PI Tumolo, Montana State University; Ecosphere journal. Award: $1,595

2018 *Research Grant,* Montana Academy of Sciences, PI Tumolo, Co-PI **Albertson**; "Aquatic Insect Ecosystem Engineering Creates Resource Hot Spots in Montana Streams;" Award: $1,500

2017 *Research Grant*, Department of the Interior and Yellowstone National Park Service; "Amphipods of Yellowstone Lake;" Award: $125,615

2017 *Thorson Excellence in Engineering Research (TEER) Grant,* College of Engineering, MSU, PI Johnson, Co-PIs **Albertson** and Plymesser; "Quantifying the flow resistance of a net-spinning caddisfly silk structure using particle image velocimetry;" Award: $25,000

2017 *Graduate Student Recruitment Grant*, College of Letters & Sciences, MSU, PI **Albertson**, Co-PI Poole; "Caddisfly Ecosystem Engineers Control Whole-Stream Hydrologic Exchange;" Award: $6,635

2016 *Research Grant*, National Science Foundation Division of Environmental Biology Ecosystems, PI **Albertson**, Co-PIs Cross, Daniels and Sklar; "Collaborative research: Sediment stabilization by animals in stream ecosystems: consequences for erosion, ecosystem processes, and biodiversity;" Total award: $737,248; MSU portion: $465,081

2016 *Faculty Seed Grant*, Montana Water Center; "Impacts of river flow and temperature on salmonfly productivity and terrestrial subsidy;" Award: $15,000

2016 *Research Grant*, Rocky Mountain Biological Laboratory; "Distribution of caddisfly larvae in streams across gradients in elevation and shear stress;" Award: $750

2014 *Visitor's Travel Grant*, Rocky Mountain Biological Laboratory; Award: $700

2013 *Graduate Student Fellowship*, Department of Ecology, Evolution & Marine Biology, UC-Santa Barbara. Semester funding for excellence in research. Award: $9,000

2013 *Coastal Fund Grant*, UC-Santa Barbara Associated Students; Award: $1,000

2013 *Valentine Eastern Sierra Reserve Graduate Student Grant*, UC-Santa Barbara Natural Reserves; Award: $1,000; Declined

2012 *Graduate Student Block Grant*, UC-Santa Barbara Ecology, Evolution, and Marine Biology; Award: $2,000

2011 *Doctoral Dissertation Improvement Grant*, National Science Foundation Division of Environmental Biology, PI Cardinale, Co-PI **Albertson**; Award: $15,000

2010 *Mathias Graduate Student Grant*, University of California Natural Reserve System; Award: $2,100

2010 *Valentine Eastern Sierra Reserve Graduate Student Grant*, UC-Santa Barbara Natural Reserves; Award: $1,050

2010 *Visitor's Program Grant,* National Center for Earth Surface Dynamics (NCED); Award: $18,000

2009 *Travel Grant* to The Ecological Society of America 94$^{th}$ annual conference in Albuquerque NM, Strategic Environmental Research and Development Program (SERDP); Award: $500

2009-present 16 additional travel grants to **Albertson** totaling $9,153

## PUBLICATIONS

([Δ]graduate student; *undergraduate student; [=]equal contribution)

33. Glassic[Δ,] H. C., C. S. Guy, D. R. Lujan[Δ], L. M. Tronstad, M. A Briggs[Δ], **L. K. Albertson**, and T. M. Koel. In press. Invasive predator diet plasticity has implications for native fish conservation and invasive species suppression. *PLoS ONE.*

32. **Albertson, L. K.**, L. S. Sklar, B. B. Tumolo[Δ], W. F. Cross, S. F. Collins, and H. A. Woods. In press. The ghosts of ecosystem engineers: Legacy effects of biogenic modifications. *Functional Ecology*.

31. Briggs[Δ], M. A., **L. K. Albertson**, D. R. Lujan[Δ], L. M. Tronstad, H. C. Glassic[Δ], C. S. Guy, T. M. Koel. 2022. Fish carcass deposition to suppress invasive lake trout through hypoxia causes limited, non-target effects on benthic invertebrates in Yellowstone Lake. *Aquaculture, Fish and Fisheries* 2:470-483.

30. McCarty[Δ], J., W. F. Cross, **L. K. Albertson**, B. B. Tumolo[Δ], and L. S. Sklar. 2022. Life histories and production of three Rocky Mountain aquatic insects along an elevation-driven temperature gradient. *Hydrobiologia* 849:3633-3652.

29. **Albertson, L. K.**, V. Ouellet, J. H. Reinert[Δ], N. Korb, and M. Jaeger. 2022. Influence of beaver mimicry restoration on habitat availability for fishes, including Arctic grayling (*Thymallus arcticus*). *Aquaculture, Fish, and Fisheries* 2:104-115.

28. Lujan[Δ], D. R., L. M. Tronstad, M. A Briggs[Δ], **L. K. Albertson**, H. C. Glassic[Δ], C. S. Guy, and T. M. Koel. 2022. Response of nutrient limitation to invasive fish suppression: How carcasses and analog pellets alter periphyton. *Freshwater Science* 41:88-99.

27. **Albertson, L. K.**, M. A. Briggs, Z. Maguire[Δ], S. Swart[*], W. F. Cross, C. W. Twining, J. S. Wesner, C. Baxter, and D. M. Walters. 2022. Dietary composition and fatty acid content of giant salmonflies (*Pteronarcys californica*) in two Rocky Mountain rivers. *Ecosphere* 13:e3904.

26. Reinert[Δ], J. H., **L. K. Albertson**, and J. R. Junker[Δ]. 2022. Influence of biomimicry structures on ecosystem function in a Rocky Mountain incised stream. *Ecosphere* 13:e3897.

25. MacDonald[Δ], M. J., **L. K. Albertson**, and G. C. Poole. 2021. Ecosystem engineering in the streambed: Net-spinning caddisflies influence hydraulic properties. *Ecohydrology* 14:e2266.

24. **Albertson**, **L. K.**, M. J. MacDonald[Δ], B. B. Tumolo[Δ], M. A. Briggs[Δ], Z. Maguire[Δ], S. Quinn[Δ], J. A. Sanchez-Ruiz[Δ], J. Veneros[Δ] and L. A. Burkle. 2021. Uncovering patterns of freshwater positive interactions using meta-analysis: Identifying the roles of common participants, invasive species, and environmental context. *Ecology Letters* 24:594-607.

23. Briggs[Δ], M. A., **L. K. Albertson**, D. R. Lujan[Δ], L. M. Tronstad, H. C. Glassic[Δ], C. S. Guy, T. M. Koel. 2021. Carcass deposition to suppress invasive lake trout causes differential mortality of two common benthic invertebrates in Yellowstone Lake, Wyoming. *Fundamental and Applied Limnology* 194:285-295.

22. Tumolo[Δ], B. B., L. Calle[Δ], H. E. Anderson[Δ], M. A. Briggs[Δ], S. Carlson[Δ], M. J. MacDonald, J. H. Reinert[Δ], and **L. K. Albertson**. 2020. Toward spatio-temporal delineation of positive interactions in ecology. *Ecology and Evolution* 10:9026-9036.

21. Maguire*, Z., B. B. Tumolo[Δ], and **L. K. Albertson**. 2020. Retreat but no surrender: Caddisfly silk has enduring effects on stream channel hydraulics. *Hydrobiologia* 847(6):1539-1551.

20. Anderson[Δ], H. E., **L. K. Albertson**, and D. M. Walters. 2019. Thermal variability drives synchronicity of an aquatic insect resource pulse. *Ecosphere* 10(8):e02852.

19. Anderson[Δ], H. E., **L. K. Albertson**, and D. M. Walters. 2019. Water temperature drives variability in salmonfly abundance, emergence timing, and body size. *River Research and Applications* 35(7):1013-1022.

18. Tumolo[Δ], B. B., **L. K. Albertson**, W. F. Cross, M. D. Daniels, and L. S. Sklar. 2019. Occupied and abandoned structures from ecosystem engineering differentially facilitate stream community colonization. *Ecosphere* 10(5):e02734.

17. **Albertson, L. K.**, L. S. Sklar, S. D. Cooper, and B. J. Cardinale. 2019. Aquatic macroinvertebrates stabilize gravel bed sediment: A test using silk net-spinning caddisflies in semi-natural river channels. *PLoS ONE* 14(1):e0209087.

16. **Albertson, L. K.**, and M. D. Daniels. 2018. Crayfish ecosystem engineering effects on riverbed disturbance and topography are mediated by size and behavior. *Freshwater Science* 37:836-844.

15. Juras[Δ], M., **L. K. Albertson**, J. Cahoon, and E. Johnson. 2018. Incorporating macroinvertebrate biological structures into gravel-bedded fluid dynamics using 3D CFD modeling. *Ecological Engineering* 119:19-28. **Highlighted in MSU's Confluence magazine**

14. **Albertson, L. K.**[=], V. Ouellet[=], and M. D. Daniels. 2018. Impacts of stream riparian buffer land use on water temperature and food availability for fish. *Journal of Freshwater Ecology* 33:195-210.

13. **Albertson, L. K.**, and M. D. Daniels. 2016. Resilience of net-spinning caddisfly silk structures to common global stressors. *Freshwater Biology* 61:670-679.

12. **Albertson, L. K.**, and M. D. Daniels. 2016. Effects of invasive crayfish on fine sediment accumulation, gravel movement, and macroinvertebrate communities. *Freshwater Science* 35:644-653.

11. **Albertson, L. K.**, L. S. Sklar, and B. J. Cardinale. 2015. Reply to comment on 'A mechanistic model linking insect (Hydropsychidae) silk nets to incipient sediment motion in gravel-bedded streams.' *Journal of Geophysical Research - Earth Surface* 120:1151-1152.

10. **Albertson, L. K.**, and D. C. Allen. 2015. Meta-analysis: Abundance, behavior, and hydrologic energy shape biotic effects on sediment transport in streams. *Ecology* 96(5):1329-1339.

9. **Albertson$^{\Delta}$, L. K.**, L. S. Sklar, M. Dow*, P. Pontau*, and B. J. Cardinale. 2014. A mechanistic model linking insect (Hydropsychidae) silk nets to incipient sediment motion in gravel-bedded streams. *Journal of Geophysical Research - Earth Surface* 119(9):1833-1852. **Highlighted as an American Geophysical Union Research Spotlight**

8. **Albertson$^{\Delta}$, L. K.**, B. J. Cardinale, and L. S. Sklar. 2014. Non-additive increases in sediment stability are generated by macroinvertebrate species interactions in laboratory streams. *PLoS ONE* 9(8):e103417.

7. Utz, R.M., S. C. Zeug, B. J. Cardinale, and **L.K. Albertson$^{\Delta}$**. 2012. Trophic ecology and population attributes of two resident non-game fishes in riverine habitat engineered to enhance salmon spawning success. *California Fish and Game* 98(2):104-124.

6. **Albertson$^{\Delta}$, L. K.**, L. E. Koenig$^{*}$, B. L. Lewis$^{*}$, S. C. Zeug, L. R. Harrison$^{\Delta}$, and B. J. Cardinale. 2012. How does restored habitat for Chinook salmon in the Merced River California compare to other Chinook streams? *River Research and Applications* 29(4):469-482.

5. Zeug, S. C., **L. K. Albertson$^{\Delta}$**, B. J. Cardinale, H. S. Lenihan, and J. Hardy*. 2011. Predictors of Chinook salmon extirpation in California's Central Valley. *Fisheries Management and Ecology* 18:61-71.

4. **Albertson$^{\Delta}$, L. K.,** B. J. Cardinale, S. C. Zeug, L. R. Harrison$^{\Delta}$, H. S. Lenihan, and M. A. Wydzga$^{\Delta}$. 2011. Impacts of channel reconstruction on invertebrate assemblages in a restored river. *Restoration Ecology* 19(5):627-638.

3. Viola$^{\Delta}$, D. V., E. A. Mordecai$^{\Delta}$, A. G. Jaramillo$^{\Delta}$, S. A. Sistla$^{\Delta}$, **L. K. Albertson$^{\Delta}$**, J. S. Gosnell$^{\Delta}$, B. J. Cardinale, and J. M. Levine. 2010. Does a competition-defense tradeoff maintain producer diversity? *Proceedings of the National Academy of Sciences* 107(40):17217-17222.

2. Crain$^{\Delta}$, C. M., **L. K. Albertson***, and M. D. Bertness. 2008. Secondary succession dynamics in estuarine marshes across landscape-scale salinity gradients. *Ecology* 89(10):2889-2899.

1. Macalady, J. L., E. H. Lyon$^{\Delta}$, B. Koffman$^{\Delta}$, **L. K. Albertson***, K. Meyer$^{\Delta}$, S. Galdenzi, and S. Mariani. 2006. Dominant microbial populations in limestone-corroding stream biofilms, Frasassi cave system, Italy. *Applied and Environmental Microbiology* 72(8):5596-5609.

## PUBLICATIONS IN REVIEW

Verhille, C. E., M. J. MacDonald, G. Demorest, K. Frazier*, and **L. K. Albertson**. In revision. Thermal tolerance of giant salmonflies (*Pteronarcys californica*) varies across populations in a regulated river.

Sanders$^{\Delta}$, C., S. P. Rice, P. Wood, and **L. K. Albertson**. In revision. River bank burrowing is innate in native and invasive signal crayfish (*Pacifastacus leniusculus*) and is driven by biotic and abiotic cues.

Lujan$^{\Delta}$, D. R., L. M. Tronstad, M. A Briggs$^{\Delta}$, **L. K. Albertson**, H. C. Glassic$^{\Delta}$, C. S. Guy, and T. M. Koel. In revision. Suppressing an apex invasive predator alters nitrogen dynamics in Yellowstone Lake, Wyoming.

Cox*, T., M. Lance[Δ], **L. K. Albertson**, M. A. Briggs, A. Dutton[Δ], and A. Zale. In revision. Diet composition and resource overlap of sympatric native and introduced salmonids across neighboring streams during a peak discharge event.

Fritz[Δ], S., **L. K. Albertson**, J. Hobgood*, G. C. Poole, H. Oakland[Δ], and E. Mohr[Δ]. In revision. Density-dependent retention of hyporheic microplastic by net-spinning caddisflies in streams.

Bertagnolli, A. D., A. J. Maritan[Δ], B. B. Tumolo[Δ], S. F. Fritz[Δ], H. C. Oakland[Δ], E. J. Mohr[Δ], G. C. Poole**, L. K. Albertson**, and F. J. Stewart. In revision. Net-spinning caddisflies create denitrifier-enriched niches in the stream microbiome.

Tumolo[Δ], B. B., **L. K. Albertson**, W. F. Cross, G. C. Poole, G. Davenport*, M. D. Daniels, and L. S. Sklar. In revision. Resource modification by ecosystem engineers generates hotspots of stream community assembly and ecosystem function.

Glassic[Δ,] H. C., J. R. Junker, C. S. Guy, D. R. Lujan[Δ], L. M. Tronstad, M. A Briggs[Δ], **L. K. Albertson**, T. O. Brendan, T. Walsworth, and T. M. Koel. In review. Invasive predator alters energy flux without changing food web functional state or stability.

Tumolo[Δ], B. B., **L. K. Albertson**, M. D. Daniels, L. S. Sklar, and W. F. Cross. In review. Facilitation strength across environmental and beneficiary trait gradients in stream communities.

## HONORS & AWARDS

2022 *Institute of Advanced Studies Visiting Fellow Award*; Loughborough University, United Kingdom. Award: $2,000

2012 *Worster Award*. Department of Ecology, Evolution & Marine Biology, UC-Santa Barbara. For mentoring undergraduate student M. Pepping; Award: $6,000

2010 *Best Student Oral Presentation in Applied Research*. North American Benthological Society (now Society for Freshwater Science) Annual Meeting, Santa Fe, New Mexico

2009 *Worster Award*. Department of Ecology, Evolution & Marine Biology, UC-Santa Barbara. For mentoring undergraduate student B. Lewis; Award: $6,000

2008 *Worster Award*. Department of Ecology, Evolution & Marine Biology, UC-Santa Barbara. For mentoring undergraduate student L. Koenig; Award: $6,000

2006 *Sarah King Award*. Geology Department, Brown University. For excellence in undergraduate research and academics

## RESEARCH PRESENTATIONS

([Δ]graduate student; *undergraduate student; **bold** invited; **+** special recognition)

79. **Albertson, L. K.** 2023. How animals shape the environment: Investigating patterns of ecosystem engineering, positive interactions, and invasive species in rivers. Institute of Advanced Studies. Loughborough University, Loughborough United Kingdom. **Invited Presentation**.

78. Brass*, N., A. Roche[Δ], and **L. K. Albertson**. 2022. Effects of temperature on salmonfly body size, dispersal, and fecundity. Undergraduate Research Celebration. Montana State University Bozeman, MT. Poster.

77. Roche[Δ], A., and **L. K. Albertson**. 2022. How will Salmonflies Be Affected By Climate Change? Wild Montana seminar series. Bozeman, MT. **Invited Presentation**.

76. Glassic[Δ], H., D. Chagaris, C. S. Guy, M. A. Briggs, **L. K. Albertson**, L. M. Tronstad, T. O. Brenden, D. R. Lujan, T. Walsworth, and T. M. Koel. 2022. Realistic Native Fish Conservation Benchmarks: Accounting for Lake Trout Predation and Disease. American Fisheries Society. Spokane, WA. **Invited Presentation**.

75. Hobgood*, J., Z. Maguire[Δ], and **L. K. Albertson**. 2022. The effect of flushing flows on macroinvertebrate community structure in the Madison River, Montana. Undergraduate Research Celebration. Montana State University. Bozeman, MT. Poster.

74. **Albertson, L. K.**, L. S. Sklar, B. B. Tumolo[Δ], W. F. Cross, S. Collins, and H. Arthur Woods. 2022. Ghosts of Ecosystem Engineers: Causes and Consequences of Biogenic Legacies in Nature. Joint Aquatic Sciences Meeting. Grand Rapids, MI. Presentation.

73. Tumolo[Δ], B. B., **L. K. Albertson**, W. F. Cross, G. Davenport*, and G. C. Poole. 2022. Ecosystem engineers generate ecological heterogeneity by aggregating resources and consumer. Joint Aquatic Sciences Meeting. Grand Rapids, MI. Presentation.

72. Maguire[Δ], Z., and **L. K. Albertson.** 2022. Tributary confluences in regulated rivers: abiotic conditions that shape habitat in the Madison River, Montana. Joint Aquatic Sciences Meeting. Grand Rapids, MI. Presentation.

71. Roche[Δ], A., **L. K. Albertson**, and C. E. Verhille. 2022. Cross-boundary temperature regimes and their influence on aquatic insect emergence. Joint Aquatic Sciences Meeting. Grand Rapids, MI. Poster.

70. French[Δ], A., **L. K. Albertson**, M. T. Trentman. 2022. Effects of ecosystem engineers on microbial processes in stream ecosystems. Joint Aquatic Sciences Meeting. Grand Rapids, MI. Poster.

69. Fritz[Δ], S., J. Hobgood*, E. Mohr[Δ], H. Oakland[Δ], G. Poole, and **L. K. Albertson**. 2022. Net-spinning caddisfly effects on hyporheic hydrology in experimental stream mesocosms. Joint Aquatic Sciences Meeting. Grand Rapids, MI. Presentation.

68. Oakland[Δ], H., E. Mohr[Δ], S. Fritz[Δ], A. French[Δ], **L. K. Albertson**, and G. Poole. 2022. Net-spinning caddisfly effects on hyporheic hydrology in experimental stream mesocosms. Joint Aquatic Sciences Meeting. Grand Rapids, MI. Poster.

67. Mohr[Δ], E., H. Oakland[Δ], S. Fritz[Δ], A. French[Δ], **L. K. Albertson**, and G. Poole. 2022. The effect of net-spinning caddisflies on nitrate removal in stream mesocosms. Joint Aquatic Sciences Meeting. Grand Rapids, MI. Presentation.

66. **Albertson, L. K.** 2021. An iconic river invertebrate in peril? Temperature effects on salmonfly phenology, abundance, and physiology. California State University Monterey Bay seminar series. Remote delivery. **Invited presentation.**

65. Glassic[Δ], H., C. Guy, D. Lujan, L. Tronstad, M. Briggs, **L. Albertson**, and T. Koel. 2021. Diet plasticity in invasive Lake Trout has implications for native species conservation and invasive species suppression. American Fisheries Society Western Division Annual Meeting. Remote delivery.

64. Cook[Δ], K., A. Zale, D. Stagliano, M. Anderson, C. Barnhart, C. Guy and **L. Albertson**. 2021. Reproductive phenology and life-history traits of western pearlshell mussels in Montana. American Fisheries Society Montana Chapter Annual Meeting. Remote delivery.

63. Cook[Δ], K., A. Zale, D. Stagliano, M. Anderson, C. Barnhart, C. Guy and **L. Albertson**. 2021. Reproductive phenology and life-history traits of western pearlshell mussels in Montana. Freshwater Mollusk Conservation Society Annual Meeting. Remote delivery.

62. Tumolo[Δ], B. B., **L. K. Albertson**, W. F. Cross, G. Davenport*, and G. C. Poole. 2021. Resource modification by streambed ecosystem engineers facilitates invertebrate community assembly and ecosystem function. Society for Freshwater Science Annual Meeting. Remote delivery. **Invited presentation.**

61. Oakland[Δ], H., E. Mohr[Δ], S. Fritz[Δ], G. Poole, and **L. K. Albertson**. 2021. Hyporheic zone hydrology in experimental annular flumes. Society for Freshwater Science Annual Meeting. Remote delivery. Poster.

60. **Albertson**, **L. K.**, M. MacDonald, B. B. Tumolo[Δ], M. Briggs[Δ], Z. Maguire[Δ], S. Quinn[Δ], J. Sanchez[Δ], J. Veneros[Δ] and L. A. Burkle. 2021. Meta-analysis of freshwater positive interactions reveals the role of common participants, invasive species, and stress. Society for Freshwater Science Annual Meeting. Remote delivery. **Invited presentation.**

59. **Albertson, L. K**. 2021. Critical roles of animals in shaping their physical environment: Investigating ecosystem engineering and facilitation using meta-analysis and aquatic invertebrates. Clemson University Seminar Series, Remote delivery. **Invited presentation.**

58. Lujan[Δ], D., L. Tronstad, T. Koel, M. Briggs[Δ], **L. K. Albertson**, H. Glassic[Δ], C. Guy. 2020. The effects of lake trout suppression methods on lower trophic levels in Yellowstone Lake. Society for Freshwater Science Annual Meeting. Madison, WI. Presentation. Canceled due to COVID-19.

57. Long*, J. S., B. B. Tumolo[Δ], **L. K. Albertson**, W. F. Cross, L. S. Sklar, and M. D. Daniels. 2020. Does sediment Size Distribution and Conspecific Density Drive Habitat Selection of Ecosystem Engineers in Rivers? Society for Freshwater Science Annual Meeting. Madison, WI. Poster. Canceled due to COVID-19.

56. Maguire[Δ], Z., and **L. K. Albertson**. 2020. Evaluating long-term changes in macroinvertebrate and trout populations on the iconic Madison River, Montana. Society for Freshwater Science Annual Meeting. Madison, WI. Poster. Canceled due to COVID-19.

55. Tumolo[Δ], B. B., L. Calle[Δ], H. E. Anderson[Δ], M. Briggs[Δ], S. Carlson[Δ], M. MacDonald, [Δ] J. H. Reinert[Δ], S. Collins, and **L. K. Albertson**. 2020. Spatio-temporal delineation of positive interactions in aquatic ecosystems: Synthesis, future trajectories and application. Society for Freshwater Science Annual Meeting. Madison, WI. Presentation. Canceled due to COVID-19.

54. **Albertson**, **L. K.**, M. MacDonald[Δ], B. B. Tumolo[Δ], M. Briggs[Δ], Z. Maguire[Δ], S. Quinn[Δ], J. Sanchez[Δ], J. Veneros[Δ] and L. A. Burkle. 2020. Meta-analysis of positive interactions in freshwater ecosystems reveals they are common and context dependent. Society for Freshwater Science Annual Meeting. Madison, WI. Presentation. Canceled due to COVID-19.

53. Briggs[Δ], M., **L. K. Albertson**, D. Lujan[Δ], L. Tronstad, H. Glassic[Δ], C. Guy, T. Koel. 2020. Effects of Lake Trout Carcass Treatment on Benthic Invertebrates in Yellowstone Lake. Society for Freshwater Science Annual Meeting. Madison, WI. Presentation. Canceled due to COVID-19.

52. Wesner, J., **L. K. Albertson**, W. F. Cross, C. Twining, K. McCarthy*, D. M. Walters, and C. Baxter. 2020. The HUFA-pulse: Variation in the quantity, quality, and phenology of river-riparian resource pulses due to salmonflies (*Pteronarcys californica*). Society for Freshwater Science Annual Meeting. Madison, WI. Presentation. Canceled due to COVID-19.

51. Long*, J. S., B. B. Tumolo[Δ], **L. K. Albertson**, W. F. Cross, L. S. Sklar, and M. D. Daniels. 2020. Does sediment Size Distribution and Conspecific Density Drive Habitat Selection of Ecosystem Engineers in Rivers? National Conference for Undergraduate Research. Bozeman, MT. Poster. Canceled due to COVID-19.

50. **Albertson, L. K.** Water and Ecosystems. 2020. Montana Water Summit. Helena, MT. **Invited presentation**.

49. Cook[Δ], K., A. Zale, D. Stagliano, M. Anderson, C. Guy, **L. K. Albertson**, and C. Barnhart. 2020. Reproductive Timing of Western Pearlshell Mussels in Montana. American Fisheries Society Montana Chapter. Kalispell, MT. Presentation.

48. Glassic[Δ], H., C. Guy, M. Briggs[Δ], **L. K. Albertson**, D. Lujan[Δ], L. Tronstad, and T. Koel. 2020. Comparative historical feeding ecology of native and nonnative salmonids during the suppression of a nonnative apex predator in Yellowstone Lake, Wyoming. American Fisheries Society Montana Chapter. Kalispell, MT. Presentation.

[+]47. Briggs[Δ], M, **L. K. Albertson**, H. Glassic[Δ], C. Guy, T. Koel, D. Lujan[Δ], L. Tronstad. 2020. Effects of Lake Trout Carcass Deposition on Benthic Invertebrates in Yellowstone Lake. American Fisheries Society Montana Chapter. Kalispell, MT. Presentation.
*Winner of best student presentation.*

46. LaRue*, M., J. H. Reinert[Δ], and **L. K. Albertson**. 2019. Effects of beaver mimicry structures on macroinvertebrate communities in Centennial Valley, Montana. Undergraduate Scholars Research Colloquium. Bozeman, MT. Poster.

45. Muenz, T. K., **L. K. Albertson**, and M. D. Daniels. 2019. Rock out! Lessons in stream ecosystem engineering through the rock pack experiment. North American Association for Environmental Education Annual Meeting. Lexington, KY. Poster.

44. **Albertson, L. K.** 2019. The Spidermen of streams: Silk-spinning caddisflies facilitate macroinvertebrates by altering sediment and flow. University of Birmingham, Birmingham, United Kingdom. **Invited presentation.**

43. Sanders[Δ], H., S. P. Rice, **L. K. Albertson**, and P. J. Wood. 2019. Biotic and Abiotic Drivers of the Burrowing Behaviour of Invasive Signal Crayfish (*Pacifastacus leniusculus*): Mesocosm Experiments. American Geophysical Union Annual Meeting, San Francisco CA. Presentation.

42. **Albertson, L. K.** 2019. Temperature effects on iconic Madison River salmonflies. Montana Water Center's Water School. Bozeman, MT. **Invited presentation**.

41. Tumolo[Δ], B. B., and **L. K. Albertson.** 2019. Facilitation by ecosystem engineers differentially influences invertebrate size structure across an environmental gradient. Montana Aquatic Research Colloquium. Flathead Lake, MT. Presentation.

40. Briggs[Δ], M., **L. K. Albertson**, H. Glassic[Δ], C. Guy, T. Koel, D. Lujan[Δ], and L. Tronstad. 2019. Effects of Lake Trout Suppression Methods on Amphipods in Yellowstone Lake. Montana Aquatic Research Colloquium. Flathead Lake, MT. Poster.

39. **Albertson, L. K.**, H. E. Anderson[Δ], and D. M. Walters. 2019. Large-scale drivers of resource pulse phenology: Salmonfly emergence patterns differ between human dominated and natural rivers. Montana Aquatic Research Colloquium. Flathead Lake, MT. Presentation.

38. Maguire*, Z., B. B. Tumolo[Δ], and **L. K. Albertson**. 2019. Legacy effects of abandoned ecosystem engineering structures on stream hydraulics. Montana Academy of Science Annual Meeting. Butte, MT. Poster.

37. Tumolo[Δ], B. B., **L. K. Albertson**, and M. D. Daniels. 2019. Aquatic invertebrate ecosystem engineers influence invertebrate size structure across a stress gradient. Montana Academy of Science Annual Meeting. Butte, MT. Presentation.

36. Reinert[Δ], J. H., and **L. K. Albertson**. 2019. Biotic responses to beaver dam analog installation in a low-gradient, incised stream. Society for Freshwater Science Annual Meeting. Salt Lake City, UT. Presentation.

35. MacDonald[Δ], M., **L. K. Albertson**, and G. Poole. 2019. Net-spinning caddisflies reduce streambed hydraulic conductivity. Society for Freshwater Science Annual Meeting. Salt Lake City, UT. **Invited presentation**.

34. Briggs[Δ], M., **L. K. Albertson**, H. Glassic[Δ], C. Guy, T. Koel, D. Lujan[Δ], and L. Tronstad. 2019. Effects of Lake Trout Suppression Methods on Amphipods in Yellowstone Lake. Society for Freshwater Science Annual Meeting. Salt Lake City, UT. Presentation.

33. Tumolo[Δ], B.B., **L. K. Albertson**, and M. D. Daniels. 2019. Facilitation by ecosystem engineers differentially influences invertebrate size structure across a stress gradient. Society for Freshwater Science Annual Meeting. Salt Lake City, UT. **Invited presentation**.

32. Lujan[Δ], D. L. Tronstad, T. Koel, M. Briggs[Δ], **L. K. Albertson**, H. Glassic[Δ], and C. Guy. 2019. Bottom-up effects of lake trout suppression in Yellowstone Lake. Society for Freshwater Science Annual Meeting. Salt Lake City, UT. Presentation.

31. Lujan[Δ], D. L. Tronstad, T. Koel, M. Briggs[Δ], **L. K. Albertson**, H. Glassic[Δ], and C. Guy. 2019. Bottom-up effects of lake trout suppression in Yellowstone Lake. Colorado/Wyoming Chapter of the American Fisheries Society. Fort Collins, CO. Poster.

30. Briggs[Δ], M., **L. K. Albertson**, H. Glassic[Δ], C. Guy, T. Koel, D. Lujan[Δ], and L. Tronstad. 2019. Effects of Lake Trout Suppression Methods on Amphipods in Yellowstone Lake. Montana Chapter of the American Fisheries Society. Billings, MT. Poster.

29. **Albertson, L. K.**, H. E. Anderson[Δ], and D. Walters. 2019. An iconic macroinvertebrate in peril? Salmonfly emergence patterns and climate-driven range contraction. Institute on Ecosystems Rough Cut Seminar Series. Bozeman, MT. **Invited presentation**.

28. Daniels, M.D., **Albertson, L.K.**, Sklar, L., Tumolo[Δ], B., M.K. Mclaughlin[Δ], Cross, W. and J. McCarty[Δ]. 2018. Fluvial gravel stabilization by net-spinning Hydropsychid caddisflies: exploring the magnitude and geographic scope of grain-scale ecosystem engineering effects. American Association of Geographers Annual Meeting, New Orleans, LA. Presentation.

27. **Albertson, L. K.** 2018. Small aquatic insects can teach us big things: Ecological indicators and community facilitators in streams. University of South Dakota Seminar Series, Vermillion, SD. **Invited presentation.**

26. **Albertson, L. K.**, H. E. Anderson[Δ], and D. M. Walters. 2018. An iconic macroinvertebrate in peril? Salmonfly emergence patterns and climate-driven range contraction. Scientific Conference of the Greater Yellowstone Ecosystem. Big Sky, MT. Presentation.

25. **Albertson, L. K.** 2018. The Spidermen of Streams: Silk-Spinning Caddisflies Influence Macroinvertebrate Communities by Altering Geomorphology and Hydrology. Rocky Mountain Biological Laboratory Seminar Series, Gothic, CO. **Invited presentation.**

24. **Albertson, L. K.** 2018. Small aquatic insects can teach us big things: Ecological indicators and community facilitators in streams. University of Montana Seminar Series, Missoula, MT. **Invited presentation.**

23. Maguire*, Z., B. B. Tumolo[Δ], and **L. K. Albertson**. 2018. Legacy effects of abandoned ecosystem engineering structures on stream hydraulics. Society for Freshwater Science Annual Meeting, Detroit, MI. Poster.

22. Anderson[Δ], H. E., and **L. K. Albertson**. 2018. Large-scale drivers of resource pulse phenology: Salmonfly emergence patterns differ between human dominated and natural rivers. Society for Freshwater Science Annual Meeting, Detroit, MI. Presentation.

21. Tumolo[Δ], B. B., **L. K. Albertson**, and M. D. Daniels. 2018. Engineer density, not environmental harshness, modulates invertebrate community facilitation across a montane gradient. Society for Freshwater Science Annual Meeting, Detroit, MI. Presentation.

20. McCarty[Δ], J., W. F. Cross, and **L. K. Albertson**. 2018. Influence of thermal regime on the life history and energetics of Rocky Mountain aquatic insects: a field test of the thermal equilibrium hypothesis. Society for Freshwater Science Annual Meeting, Detroit, MI. Presentation.

19. Daniels, M. D., **L. K. Albertson**, L. S. Sklar, B. B. Tumolo[Δ], M. McLaughlin[Δ], J. McCarty[Δ], and W. F. Cross. 2017. Fluvial gravel stabilization by net-spinning hydropsychid caddisflies: Exploring the magnitude and geographic scope of ecosystem engineering effect and evaluating the resistance to anthropogenic stresses. American Geophysical Union Annual Meeting, New Orleans, LA. **Invited Presentation.**

18. McLaughlin$^{\Delta}$, M., L. S. Sklar, M. D. Daniels, B. B. Tumolo$^{\Delta}$, W. F. Cross, and **L. K. Albertson**. 2017. How small bugs tie down big rocks: Measuring and modeling the forces acting between nets spun by caddisfly larvae (Hydropsychidae) and gravel particles at the onset of motion. American Geophysical Union Annual Meeting, New Orleans, LA. Poster.

17. Tumolo$^{\Delta}$, B. B., **L. K. Albertson**, W. F. Cross, M. D. Daniels, and L. S. Sklar. 2017. What you leave behind counts: Abandoned ecosystem engineering structures facilitate colonization in a headwater stream. Society for Freshwater Science Annual Meeting, Raleigh, NC. Presentation.

16. Anderson$^{\Delta}$, H. E., and **L. K. Albertson**. 2017. An iconic macroinvertebrate in peril: Impacts of increasing water temperatures on *Pteronarcys californica* in southwestern Montana. Society for Freshwater Science Annual Meeting, Raleigh, NC. Poster.

15. Clancy*, N., H. E. Anderson$^{\Delta}$, and **L. K. Albertson**. 2017. Unique emergence of salmonflies on the Gallatin and Madison Rivers of Montana. Undergraduate Scholars Research Colloquium. Bozeman, MT. Poster.

14. Cox*, T., A. Dutton$^{\Delta}$, M. Lance$^{\Delta}$, and **L. K. Albertson**. 2017. Springtime migration by Mountain Whitefish: a journey for food? Undergraduate Scholars Research Colloquium. Bozeman, MT. Poster.

13. Philmon*, C., H. E. Anderson$^{\Delta}$, and **L. K. Albertson**. 2017. Relating Non-Destructive Measurements of Growth to Biomass of Salmonfly Larvae (*Pteronarcys californica*). Undergraduate Scholars Research Colloquium. Bozeman, MT. Poster.

12. **Albertson, L. K.** 2017. Animals and sediment disturbance in streams. Montana Aquatic Research Colloquium, Polson, MT. Presentation.

11. McMahon, T. E., **L. K. Albertson**, B. Kerans, and P. Taylor. 2016. Teaching the Teachers: A Trout Stream Ecology Field Course for High School Science Teachers. The World of Trout International Congress, Bozeman, MT. Presentation.

10. Ouellet, V. O., **L. K. Albertson**, and M. D. Daniels. 2016. Summer food abundance and thermal regime: The implications for trout. The World of Trout 1$^{st}$ International Congress, Bozeman, MT. Presentation.

9. **Albertson, L. K.**, and M. D. Daniels. 2015. Are engineering effects of crayfish on gravel bed morphology and macroinvertebrate communities mediated by species identity, behavior, and body size? Society for Freshwater Science Annual Meeting, Milwaukee, WI. Presentation.

8. Daniels, M. D., C. M. Ruffing$^{\Delta}$, B. Marston$^{\Delta}$, and **L. K. Albertson**. 2015. Reconstructing river and watershed restoration: Physical geography and a new restoration design science. Association of American Geographers Annual Meeting, Chicago, IL. **Invited Presentation**.

7. Shen*, K., **L. K. Albertson**, V. Ouellet, and M. D. Daniels. 2015. A Delicate Balance: Aquatic-Terrestrial Invertebrate Flux Across a Forested Riparian Buffer Gradient. Stroud Water Research Center Student Celebration. Poster.

6. **Albertson$^{\Delta}$, L. K.**, B. J. Cardinale, and L. S. Sklar. 2012. Impacts of biological diversity on sediment transport in streams. Ecological Society of America 97th Annual Conference. Portland, OR. Presentation.

5. **Albertson$^{\Delta}$, L. K.** 2012. Impacts of biological diversity on sediment transport in streams: Research at the Sierra Nevada Aquatic Research Laboratory. 6th Biennial Mathias Graduate Student Symposium, Bodega Bay, CA. Presentation.

**+**4. **Albertson$^{\Delta}$, L. K.**, and B. J. Cardinale. 2010. Impacts of biological diversity on sediment transport in streams. North American Benthological Society annual meeting, Santa Fe, NM. *Winner of best student presentation.*

3. **Albertson$^{\Delta}$, L. K.**, and B. J. Cardinale. 2009. Impacts of biological diversity on sediment transport in streams. American Geophysical Union Fall Meeting, San Francisco, CA. **Invited presentation.**

2. **Albertson$^{\Delta}$, L. K.**, S. C. Zeug, H. Lenihan, and B. J. Cardinale. 2009. Impacts of gravel augmentation on invertebrates in a restored river. Ecological Society of America 94th Annual Conference, Albuquerque NM. Presentation.

1. **Albertson$^{\Delta}$, L. K.**, S. C. Zeug, B. J. Cardinale, H. S. Lenihan, A. M. Wydzga$^{\Delta}$, L. Harrison$^{\Delta}$, and T. Dunne. 2008. Geomorphic constraints on the restoration of macroinvertebrate assemblages in the Merced River, CA. 5th Biennial CALFED Science Conference, Sacramento, CA. Presentation.

## UNIVERSITY CLASSROOM TEACHING

| | | |
|---|---|---|
| 2021-present | Fall & Spring Semesters | *Freshwater Ecology*, Montana State University, 100 total undergraduates |
| 2016-present | Even Summer Semesters | *Ecology of Trout Streams*, Montana State University, 15 graduates |
| 2016-present | Even Spring Semesters | *Topics in Biodiversity and Ecosystem Services*, Montana State University, 8 graduates |
| 2016-2020 | Fall Semesters | *Freshwater Ecology*, Montana State University, 72 undergraduates |
| 2016-2019 | Fall Semesters | *General Ecology*, Montana State University, 115 undergraduates |
| 2015 | Spring Semester | *Introduction to Freshwater Ecology*, University of Pennsylvania, Philadelphia PA, 30 undergraduates |

## POSTDOCTORAL SCHOLAR MENTORING

2022-2023 Jade Ortiz, MSU, Ecology

## GRADUATE STUDENT RESEARCH MENTORING

2022-present Committee Member, Katie Furey, Master's student, MSU, Ecology
2022-present Committee Member, Nate Heili, Master's student, MSU, Ecology
2021-present Advisor, Anna French, Master's student, MSU, Ecology
2021-present Advisor, Alzada Roche, Master's student, MSU, Ecology
2021-present Committee Member, Hayley Oakland, PhD student, MSU, Land Resources and Environmental Sciences
2021-present Committee Member, Jose Sanchez-Ruiz, PhD student, MSU, Ecology
2021-present Committee Member, Robert Ecklebecker, PhD student, MSU, Ecology
2020-present Advisor, Samuel Fritz, PhD student, MSU, Ecology
2020-present Advisor, Zachary Maguire, Master's student, MSU, Ecology
2018-2022 Committee Member, Kristen Cook, M.S., MSU, Ecology
2018-2022 Committee Member, Hayley Glassic, PhD, MSU, Ecology
2016-2022 Advisor, Benjamin Tumolo, PhD, MSU, Ecology
2017-2022 Committee Member, Mary Levandowski, M.S., MSU, Ecology
2020-2021 Committee Member, Adrian Massey, no degree, MSU, Entomology
2018-2020 Advisor, Michelle Briggs, M.S., MSU, Ecology
2015-2020 Committee Member, Kate Henderson, no degree, MSU, Ecology
2018-2020 Thesis project sponsor, Harry Sanders, PhD, Loughborough University, Geosciences
2017-2020 Advisor, Michael MacDonald, M.S., MSU, Ecology
2017-2020 Advisor, J. Holden Reinert, M.S., MSU, Ecology
2017-2019 Committee Member, Molly McLaughlin, M.S., San Francisco State University, Geosciences
2017-2019 Committee Member, Brad Hoefer, M.S., MSU, Civil Engineering
2016-2019 Committee Member, Jennifer McCarty, M.S., MSU, Ecology
2016-2018 Advisor, Heidi Anderson, M.S., MSU, Ecology
2016-2017 Thesis project sponsor, M. Andrew Horvath, M.S., St. Edwards University, Environmental Management and Sustainability
2015-2017 Committee Member, Mark Juras, M.S., MSU, Civil Engineering

## UNDERGRADUATE STUDENT MENTORING

2021-present Undergraduate Research Assistant, Lydia Bushey
2022 Undergraduate Research Assistant, Agustus Armijo
2021-2022 Undergraduate Scholar's Program, Niah Brass
2021-2022 Undergraduate Scholar's Program, John Hobgood
2021 Undergraduate TA, Dillon Yamani
2020-2021 Undergraduate Research Assistant, Grace Davenport
2019-2020 Undergraduate Scholar's Program, Sophia Swart
2020 Undergraduate Research Assistant, Emma Heydenberk
2020 Undergraduate Research Assistant, Levi Umland
2019-2020 Undergraduate Scholar's Program, Chad Shelton
2018-2020 Undergraduate Scholar's Program and TA, Ji Sean Long
2019-2020 Undergraduate Research Assistant, Sarah Bean
2019-2020 Undergraduate Research Assistant, Josh Wallace
2018-2019 Undergraduate Scholar's Program, Maggie LaRue
2018-2019 Undergraduate Research Assistant, Hailey Gelzer
2018 Undergraduate TA, Kate Winters
2018 Undergraduate Research Assistant, Chet Stefan
2017-2018 Undergraduate Scholar's Program, Zachary Maguire

2016-2017 Undergraduate Scholar's Program, Tanner Cox
2016-2017 Undergraduate Scholar's Program, Cailey Philmon
2016 Undergraduate Scholar's Program, Niall Clancy
2016 Undergraduate Scholar's Program, Chelsey Rasmussen
2016 Undergraduate Scholar's Program, Spencer Bruce
2015-2016 Undergraduate Scholar's Program, Kirra Paulus

## PROFESSIONAL SOCIETIES

Current
Society for Freshwater Science (SFS)
Sigma Xi, Brown University Chapter

Past
American Geophysical Union (AGU)
Ecological Society of America (ESA)
Graduate Women in Science (GWIS)
Women in Science and Engineering (WISE), Brown University Section

## CERTIFICATIONS

2020 SafeZone LGBTQ+ Ally, Montana State University
2019 Diversity Development Levels 1 and 2, Montana State University
2013-2018 Wilderness First Responder, Wilderness Medical Associates International
2005-2013 Scientific SCUBA Diver, SSI and PADI